

CASTLE ROCK WATER

**RESOLUTION APPROVING A CONSTRUCTION
CONTRACT WITH C&L WATER SOLUTIONS
FOR THE WOODLANDS SEWER
INTERCEPTOR MANHOLE REHABILITATION
PHASE 2 PROJECT**

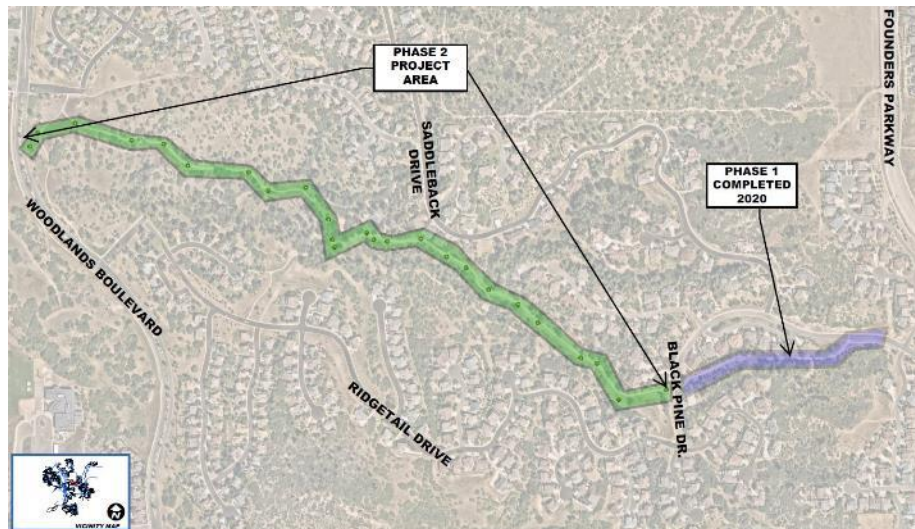
DECEMBER 21, 2021



WOODLANDS MANHOLE REHAB PHASE 2

PROJECT BACKGROUND

- Phase 1 - Rehabilitated 7 interceptor manholes in 2020
- Staff inspected and evaluated 25 downstream manholes in 2021
- Severe to moderate corrosion from sewer gases
- Request for proposals issued in October 2021



WOODLANDS MANHOLE REHAB PHASE 2

PROJECT APPROACH

- 5 proposals received \$455,623 to \$979,920
 - 3 did not propose acceptable structural rehabilitation methods listed in RFP
- C&L Water Solutions proposal selected (\$960,095) based on best overall value
 - Products – traffic load rated corrosion resistant composite inserts and epoxy coatings
 - Experience w/ over 150 insert installations
 - Successfully completed Phase 1 at 30% under contracted amount
 - Garver Engineering – pre and post-construction inspections



WOODLANDS MANHOLE REHAB PHASE 2

BUDGET, SCHEDULE, RECOMMENDATIONS

- **Budget:** \$1,056,095 (total authorization)
 - \$960,095 (contract amount) + \$96,000 (10% contingency)
- **2022 Schedule**
 - **Jan - Mar** – existing manhole inspections, remove failed liners, project public outreach
 - **Mar - May** – material procurement, bypass planning, pre-construction preparation work
 - **Jun - Oct** – rehabilitation construction
 - **Oct - Nov** – site restoration and closeout
- **Recommendations**
 - Staff
 - Water Commission
- **Questions?**



WOODLANDS MANHOLE REHAB PHASE 2

MOTION OPTIONS

PROPOSED MOTION:

“I move to approve the Resolution 2021-117 as introduced by title.”

ALTERNATIVE MOTIONS:

“I move to approve the Resolution as introduced by title, with the following conditions: (list conditions).”

“I move to continue this item to the Town Council meeting on ____ date to allow additional time to (list information needed).”